

The Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) An immiscible polymer blend comprising high density polyethylene (HDPE) [[(PE)]] and acrylonitrile-butadiene-styrene (ABS) or polycarbonate (PC) or a mixture of ABS and PC, wherein said HDPE [[(PE)]] has a melt flow at 190°C/2.16Kg of less than about 1g/10min, and said PC, ABS or mixture of PC and ABS has a melt flow at 190°C/2.16Kg greater than about 1g/10min and wherein the ratio of HDPE to ABS, PC, or a mixture of ABS and PC provides a blend having a modulus greater than the additive contribution of each polymer to overall stiffness.

2. (Currently Amended) The polymer blend of claim 1 which comprises HDPE [[(PE)]] and ABS.

3. (Currently Amended) The polymer blend of claim 1 which comprises HDPE [[(PE)]] and PC.

4. (Currently Amended) The polymer blend of claim 1 which comprises HDPE [[(PE)]], ABS and PC.

5. (Cancelled)

6. (Cancelled)

7. (Currently Amended) The polymer blend of claim 1 wherein said HDPE [[(PE)]] has a fractional melt flow.

8. (Original) The polymer blend of claim 1 wherein said PC, ABS or mixture of PC and ABS has a melt flow greater than 1.

9. (Currently Amended) The polymer blend of claim 1 wherein said HDPE [[(PE)]] has a fractional melt flow and wherein said PC, ABS or mixture of PC and ABS has a melt flow greater than 1.

10. (Cancelled)

11. (Original) A plastic or polymer composite article formed of the polymer

blend of claim 1.

12. (Original) The plastic article of claim 11 which is lumber.
13. (Original) The plastic article of claim 11 which is a railroad tie.
14. (Original) The plastic article of claim 11 which is a marine piling.
15. (Currently Amended) A method of making a plastic or polymer composite article, comprising:

(a) preparing an immiscible polymer blend comprising high density polyethylene (HDPE) [[(PE)]] and acrylonitrile-butadiene-styrene (ABS) or polycarbonate (PC) or a mixture of ABS and PC, wherein said HDPE [[(PE)]] has a melt flow at 190°C/2.16Kg of less than about 1g/10min, and said PC, ABS or mixture of PC and ABS has a melt flow at 190°C/2.16Kg greater than about 1g/10min wherein the ratio of HDPE to ABS, PC, or a mixture of ABS and PC provides a blend having a modulus greater than the additive contribution of each polymer to overall stiffness; and

(b) shaping the blend into a desired shape of the article.

16. (Original) The method of claim 15 wherein said preparing and shaping comprise continuous extrusion.

17. (Original) The method of claim 15 wherein said preparing comprises extrusion.

18. (Original) The method of claim 15 wherein said shaping comprises molding.

19. (Original) The method of claim 15 wherein said preparing and shaping comprises injection molding.